HIRSCH

Velocity Vision Access 7.1 (2026 R1)

Specification Sheet

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Key Features

Monitor

- Track passage by viewing access control events and related video for specific doors
- Enable modular camera views where access control events can be displayed together with corresponding video
- Status information from integrated access control systems can be displayed in the map and Smart Map function, where doors added to the map and Smart Map display the current state of each door. This pro-vides the operator with an instant overview and the ability to control doors and other access points directly from the map and Smart Map
- Monitor abnormal events and respond to physical security alarms using the alarm management function in the Velocity Vision client

Assist

- Instant access request notification with corresponding video and cardholder information[1] enables immediate visual validation of people requesting access
- Integrated two-way audio support and function to control doors and gates enable the operator to detect, validate and act on access events quickly within a single user interface

Investigate

- The dedicated Access Control tab in Velocity Vision client provides extensive search capability to list access events, related video and card holder information[1] associated with a specific door or card holder
- Data drilling functions enable swift analysis of access events related to specific doors, card holders, or access events (for example denied access)
- Generate access control reports with thumbnails of associated video
- Export of video sequences related to a specific access event

Integration

- Access control systems are seamlessly integrated with Velocity Vision Access via the MIP SDK
- A plug-in integration framework enables easy integration of access control systems into the Velocity Vision VMS, where the plug-in(s) facilitates communication between the Velocity Vision video management system and the integrated access control system(s)
- Multiple access control systems can be integrated with the one Hirsch video management system and be operated via the one and the same Velocity Vision client interface
- The plug-in-based integrations framework provides pre-integrated solutions between the Hirsch VMS and a specific access control system. This implies that no programming or integration work is needed during customer deployment, but just configuration of the system
- The integration framework offers the possibility for full alarm synchronization and acknowledgement between the Velocity Vision Access and the integrated access control system

[1] Exact functionality depends on the capability and features provided by the third-party Access Control system that is integrated

Detailed Product Features

Access Monitoring View Item

- An access monitor view item presents a combined camera view and an event list displaying events from a defined access control unit. The access monitor view item can be used in any Velocity Vision client view
- The access monitor displays real-time door status, such as locked, unlocked, closed and open, and pro-vides control functions for the defined access point
- The access event list provides real-time cardholder information for the person identified at a door. The presented cardholder details depend on actual information provided by the integrated access control system
- The event list can present an image of the card holder. The cardholder images can be defined and managed by Velocity Vision Access, should this capability not be available in the integrated access control system
- Access monitor view items can be used in independent playback in line with normal camera view items. In independent playback the event list with cardholder information can be reviewed with the possibility to directly jump to a specific passage and playback recorded video from the associated camera
- A shortcut makes it possible to select any cardholder identified in the Access Monitor and get a listing of the specific cardholder's events in the Access Control tab

Access Request Notification

- Velocity Vision Access offers an access request notification fly-out that is triggered based on selected access events (for example: doorbells, error events in conjunction with card holder identification, etc.) and presented to Velocity Vision client users even when the Velocity Vision client is running in the background or minimized
- Notifications can also be received as push-notifications in Velocity Vision Mobile (requires an active SSA subscription)
- The request notification fly-out includes cardholder information (according to availability) and presents the operator with live videos from cameras associated with the access point
- Integrated audio support allows the Velocity Vision client operator to invoke a two-way audio session with the person by the access point triggering access request notification
- The Velocity Vision client operator has direct visibility of the status of the access point, and the ability to re-motely control (e.g. unlock, open, etc.) the access point

Access Control Tab

- A dedicated Access Control tab provides overview of access events reported to Velocity Vision Access, and provides a link between the access event and possible cameras associated with the access point
- The access event list operates both in a live mode where events can be displayed as they occur, and in an investigation mode
- Extensive filtering functions on access points, card holders, event types and time, make investigations easy with wide possibilities for analysis and data drilling
- Immediate access to related videos makes it possible to instantly review recorded video related to any access event
- Detailed and more extensive investigations of specific events can be done by launching a full playback window with time navigation for the given event. This also makes it possible to include additional cameras in the investigation and produce evidence material easily for a given event
- Built in reporting support makes it easy to print an access event report based on the data analysis in the access event list. The report is generated as a pdf re-port, and includes event details and a video thumbnail from cameras associated with the access point for the given event time
- Configure e-mail notifications for access control-related events in the Management Client, e.g., add the names of the access control units that triggered the event to the e-mail's subject and message text

Integration with generic Velocity Vision client functions

- Velocity Vision Access is seamlessly integrated with the Velocity Vision client, where availability of Velocity Vision Access in the Velocity Vision client can be controlled by the application settings and Velocity Vision Client profiles
- Doors and their events and statuses can be displayed in maps and Smart Maps, and Velocity Vision client users can directly control doors (perform open, lock, and other operations in the access control system ex-posed via the integration) via the map and Smart Map
- Events from integrated access control systems can be used to generate alarms in the alarm manager. These alarms can be filtered based on zone information imported from the access control system (depending on support by the integration).

Integration with Velocity Vision Mobile Client functions

- Velocity Vision Access is seamlessly integrated with the Velocity Vision Mobile Client, where availability of Velocity Vision Access in the Velocity Vision Mobile Client can be controlled by the application settings and Mobile Client profiles
- Doors and their events and statuses can be displayed in the Velocity Vision Mobile Client, and users can directly control doors (perform open, lock, and other operations in the access control system exposed via the integration) via the mobile platform

- Access requests can be displayed in review in the mobile client
- Access requests can be received as push-notifications directly on the mobile client (requires an active SSA subscription)

Administration

- Mapping of access control units and associated cameras in the Hirsch video management system
- Categorization of access control events
- Cardholder listing, with the ability to complement cardholder details defined in the integrated access control system with cardholder picture
- Access request notification configuration including triggering events and available access controls
- Control permissions to doors and access control units according to user roles, enhancing security and simplifying operator workflows.

Large scale access control support

- Access control support for a system with a total of up to 5,000 units. A unit can be e.g. a door controller, a card reader or an I/O controller
- Access control systems with a total of up to 60,000 cardholders with cardholder images can be connected to a Velocity Vision VMS system. Without cardholder images there are no practical limits (more than a million)
- Velocity Vision Access can process up to 1,000 access control events per second (peak value)
- With Federated Architecture, the limits listed above are per site

Deep links

- Information about the cardholder displayed in Velocity Vision client can include deep links provided by the plug-in
- A deep link is some text and a URL. When the user clicks on the link, Velocity Vision Access will open the URL
- It is entirely up to the plug-in what the URL leads to – it could be a URL-based API, it could be web-based cardholder management, or whatever other added functionality the plug-in developer provides per cardholder

Miscellaneous

Minimum System Requirements

There are no specific requirements to the system for Velocity Vision Access as it is an integral part of the Hirsch video management solution. Hence, please refer to the normal system and operating system requirements for the Hirsch video management solution that Velocity Vision Access is to be used with: Velocity Vision Support Center

Supported Hirsch products

The 2026 R1 version of Velocity Vision Access is supported by all Hirsch video management products supporting the MIP SDK 2026, which includes the following products at the point of the release:

- Velocity Vision Enterprise 2026 R1
- Velocity Vision Pro 2026 R1
- Velocity Vision Advanced 2026 R1
- Velocity Vision Standard 2026 R1

Supported access control systems

For details on compatible access control systems, please refer to Hirsch Technology Partner Finder: Velocity Vision Support Center

The plug-in-based integration framework available in the latest MIP SDK allows partners to easily integrate their access control systems with Velocity Vision Access.

Licensing Structure

Velocity Vision Access is licensed through the following licensing scheme:

- A base license which unlocks all functions related to Velocity Vision Access.
- A door license that enables a single physical door in Velocity Vision Access.
- Velocity Vision Access integration plug-ins are primarily developed and provided by Hirsch's solution partners. Partner developed integration plug-ins are IPRs of the respective partners and may be subject to separate licensing.
- Standard integration plug-ins developed by Hirsch are in default not licensed separately. Hirsch may however decide to license customer or project specific integration plug-ins.